Message

From: Fullagar, Jill [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7BA061353C314B40A14A8BE1EE382AE3-GABLE, JILL]

Sent: 3/16/2017 10:41:38 PM

To: URBANOWICZ Karla [karla.urbanowicz@state.or.us]

Subject: RE: Oregon OAH - Comments on aquatic life impairments in Oregon waters

I'm not sure what she means by "applicant" either. She's on our R10 OA group calls, so she is aware of the action we are taking and the comment period. She doesn't work in the listing program though, so may just be confused about the process.

Jill Fullagar, Impaired Waters Coordinator

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fullagar.jill@epa.gov

From: URBANOWICZ Karla [mailto:karla.urbanowicz@state.or.us]

Sent: Thursday, March 16, 2017 3:36 PM **To:** Fullagar, Jill < Fullagar, Jill@epa.gov>

Subject: FW: Oregon OAH - Comments on aquatic life impairments in Oregon waters

FYI – odd that this question originated from someone at EPA – Bridgette Lohrman?

From: URBANOWICZ Karla

Sent: Thursday, March 16, 2017 3:32 PM **To:** WIGAL Jennifer; PILLSBURY Lori **Cc:** MERRICK Lesley; BOLING Brian

Subject: RE: Oregon OAH - Comments on aquatic life impairments in Oregon waters

Not sure what Bridgette means by "applicant".

EPA is requesting the information.

As a courtesy and to assist EPA, DEQ sent out a Gov delivery email about EPA's request for information on ocean acidification and for comments on the 303(d) addition as soon as EPA issued it.

From: WIGAL Jennifer

Sent: Thursday, March 16, 2017 2:01 PM **To:** PILLSBURY Lori; URBANOWICZ Karla **Cc:** MERRICK Lesley; BOLING Brian

Subject: RE: Oregon OAH - Comments on aquatic life impairments in Oregon waters

Lori,

I sent notification to Carin Braby when EPA published the draft. I've attached the email I sent her. I didn't receive any communication back.

From: PILLSBURY Lori

Sent: Thursday, March 16, 2017 1:46 PM

To: URBANOWICZ Karla < URBANOWICZ. Karla@deq.state.or.us>

Cc: MERRICK Lesley < MERRICK.Lesley@deq.state.or.us>; BOLING Brian < BOLING.Brian@deq.state.or.us>; WIGAL

Jennifer < WIGAL.Jennifer@deq.state.or.us >

Subject: FW: Oregon OAH - Comments on aquatic life impairments in Oregon waters

Importance: High

Hi Karla

I am on the ocean acidification workgroup and this question came up. See below. Has this request gone out to relevant agencies & groups?

Thanks.

Lori

Lori

DEQ - Laboratory 503-693-5735

From: Lohrman, Bridgette [mailto:lohrman.bridgette@epa.gov]

Sent: Thursday, March 16, 2017 12:35 PM

To: Daniel M Sund <<u>daniel.m.sund@state.or.us</u>> **Cc:** Caren Braby <<u>caren.e.braby@state.or.us</u>>

Subject: RE: Oregon OAH Monitoring Workshop Details

Thank you.

I'm hoping that since ODEQ is the "applicant", they have coordinated internally with relevant State agencies, which in turn, would have triggered contact with academics for any relevant data. If this hasn't occurred, I apologize for the late notice given comments are due shortly (April 3, 2017).

Bridgette Lohrman | Ecologist | U.S. Environmental Protection Agency Oregon Operations Office | 805 SW Broadway, Suite 500 | Portland, OR 97205 | 503.326.4006 | lohrman.bridgette@epa.gov

From: Daniel M Sund [mailto:daniel.m.sund@state.or.us]

Sent: Thursday, March 16, 2017 9:00 AM

To: Lohrman, Bridgette < lohrman.bridgette@epa.gov>

Cc: Caren Braby <caren.e.braby@state.or.us>

Subject: RE: Oregon OAH Monitoring Workshop Details

Bridgette,

Thanks passing this on to us and for attending! I will make sure this gets the attention it deserves.

Cheers,

Daniel

From: Lohrman, Bridgette [mailto:lohrman.bridgette@epa.gov]

Sent: Wednesday, March 15, 2017 3:39 PM

Hi Daniel et. al.

To follow-up on the conversation this afternoon with regards to what types of information do managers need to make decisions, I wanted to make sure folks were aware of the current request by EPA for information related to OA in Oregon's coastal waters. This is one scenario within which to consider all of the other issues that were touched on including: which metrics to measure, which species to focus on, where should monitoring occur, which story to choose which is meaningful to the public, etc.

https://www.epa.gov/tmdl/partial-approvalpartial-disapproval-oregon-2012-303d-list

-Bridgette

Bridgette Lohrman | Ecologist | U.S. Environmental Protection Agency Oregon Operations Office | 805 SW Broadway, Suite 500 | Portland, OR 97205 | 503.326.4006 | lohrman.bridgette@epa.gov

From: Daniel M Sund [mailto:daniel.m.sund@state.or.us]

Sent: Monday, March 13, 2017 6:47 PM

Subject: Oregon OAH Monitoring Workshop Details

Howdy OAH Monitoring folks!

As a reminder the first 2017 quarterly OAH Monitoring Workshop is being held this week on **March 15**th from **1:00 to 3:15 pm**. We will be meeting in person at the Oregon Department of Fish and Wildlife Marine Resources Program Conference Room. You can find directions <u>here</u> and a map of Hatfield in the attached agenda. You can view the presentations via webinar by visiting https://global.gotomeeting.com/join/189275477 and listen to the audio by calling into 1-888-204-5984, passcode: 652352#.

I have attached an agenda, a list of folks that were contacted for the inventory and the status of that contact, a PDF of hypothetical monitoring sites, and a skeletal OAH Monitoring Framework that is intended to be used as a development exercise. I look forward to meeting later this week and discussing OAH with everyone. Please let me know if you have any questions, comments, or concerns.

Cheers, Daniel

Daniel M. Sund, Sea Grant Natural Resource Policy Fellow Ocean Acidification and Hypoxia Research Assistant Oregon Department of Fish and Wildlife – Marine Resources Program 2040 SE Marine Science Dr. Newport, Oregon 97365

Phone: 541-867-0300 Ext. 267 Daniel M. Sund@state.or.us sundd@oregonstate.edu